

Title (en)

Methods, devices and system for transmission of digital data

Title (de)

Verfahren, Vorrichtung und System zur Übertragung von digitalen Daten

Title (fr)

Procédés, appareil et systèmes de transmission de données numériques

Publication

EP 0767561 A1 19970409 (EN)

Application

EP 96402052 A 19960926

Priority

FR 9511573 A 19951002

Abstract (en)

The methods for transmission of sequences or frames of data provide for retransmitting, with a central device (21), frames of data which reach it, to destination devices, by transmission of downlink frames when the destination device is a peripheral device (24), each downlink frame having systematically a service message activating a protocol controlling access to the transmission medium shared by the central device (21) and the peripheral devices (24), and possibly a frame of data. The central device (21) and at least one peripheral device (24) form a system which is particularly well suited to a local area network, notably with a wireless transmission medium. <IMAGE>

IPC 1-7

H04L 12/403; **H04L 12/28**

IPC 8 full level

H04L 12/28 (2006.01); **H04L 12/403** (2006.01)

CPC (source: EP US)

H04L 12/403 (2013.01 - EP US); **H04W 84/12** (2013.01 - EP US); **H04W 88/04** (2013.01 - EP US); **H04W 88/08** (2013.01 - EP US)

Citation (search report)

- [XY] EP 0495600 A1 19920722 - NEC CORP [JP]
- [Y] US 5274841 A 19931228 - NATARAJAN KADATHUR S [US], et al
- [YA] R.W.DOBINSON ET AL.: "Interfacing to ETHERNET using VLSI protocol chips", INTERFACES IN COMPUTING, vol. 3, no. 3/4, December 1985 (1985-12-01), LAUSANNE CH, pages 173 - 187, XP002005672
- [A] C. SONG ET AL.: "Optimizing bulk data transfer performance: A packet train approach", SIGMOD '88 SYMPOSIUM: COMMUNICATION ARCHITECTURES AND PROTOCOLS, August 1988 (1988-08-01), USA, pages 134 - 145, XP002005673
- [A] K. PAHLAVAN ET AL.: "Wireless data communications", PROCEEDINGS OF THE IEEE, vol. 82, no. 9, September 1994 (1994-09-01), NEW YORK US, pages 1398 - 1430, XP000474894

Cited by

EP1335527A4; US5991275A; US2019007997A1; US10645755B2; WO0013389A3

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